

5-port L2 SNMP Switch Card

LevelOne's FNC-0600TXM is a high performance 32-bit PCI Bus SNMP Fast Ethernet adapter with 5-port 10/100Mbps Switch. The N-way ports auto-negotiate between 10Mbps and 100Mbps, which offer 200 Mbps aggregate bandwidth. It also supports a range of critical performance and advanced management-related features including 802.1p priority transmissions, TCP/IP checksum offload, multiple VLAN, IEEE802.3x flow control and adaptive interrupts.

The switch card uses the management controller which is a SNMP/RMON/DMI function-ready single ASIC chip solution for use with PC server level NIC adaptors. It is designed to function with the SOHO systems application requirements and industrial PCs with advanced low power processing to reduce power consumption for power sensitive applications and Green PCs. With Plug-and-Play function, the user can easily install and configure the switch card with minimum effort.



FNC-0600TXM

Key Features

- 32-bit PCI v2.2 Bus interface
- Store-and-Forward switching method
- Supports flow control IEEE 802.3x for full-duplex mode and back-pressure flow control for half-duplex mode
- Self-defines 256 bytes memory I/O or register I/O based command and status register
- With SNMP/RMON/DMI network management function
- Real 32-bit turbo driver is provided for maximum performance
- Supports MDI/MDIX for each port
- Supports MAC enhancement function for management server NIC
- Space saving design and RoHS compliant

Driver Supported

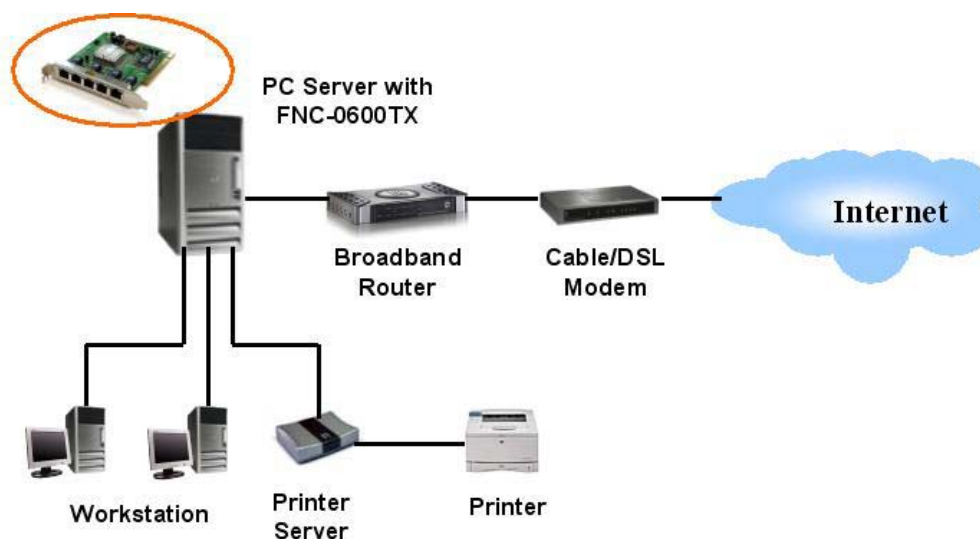
- Windows NT3.1, 3.5, 4.0/ 95/98/ME/2000/XP
- Windows for workgroups, Microsoft LAN Manager
- Novell Netware 3.x, 4.x, 5.x, ODI Driver, Novell Netware Client 32
- Novell LAN Analyser, Personal Netware
- IBM LAN support program, IBM OS/2 Warp Server, IBM OS/2 LAN Server.
- IBM TCP/IP for DOS & OS/2
- Linux and FreeBSD
- UnixWare
- FTP PC/TCP and SUN PCNFS
- SCO UNIX, SCO Open Server
- NDIS Driver
- Packet drivers (FTP PC/TCP, NCSA TCP/IP)
- LANtastic

Datasheet_FNC-0600TXM

Technical Specification

- **Standards Compliance**
IEEE 802.3/ IEEE 802.3u
IEEE 802.3x Flow Control
- **Ports**
5 x 10/100 Mbps RJ-45 ports
- **Mounting Method**
PCI Slot
- **Transmission**
Auto-negotiation (half/ full-duplex, 10/100 Mbps)
- **Filtering Rate**
148,800 packets per second (max.)
- **Forwarding Rate**
148,800 packets per second (max.)
- **MAC Address**
1000 entries
- **RAM Buffer**
1MB
- **Management**
SNMP /RMON/ DMI
- **LEDs**
Per Device: Power
Per RJ-45 port: Speed, Link/Act
- **Power Input**
100~240VAC, 50/60Hz Internal universal power supply
- **Power Consumption**
30 Watts (max)
- **Ventilation**
60 x 60 mm DC fans x 1
- **Temperature**
Operating: 0°C~50°C
- **Humidity**
Operating: 10% ~ 90% (non-condensing)
- **Dimension**
121mm(W) * 132mm(L) (include bracket)
- **EMI and Safety**
FCC, CE

Product Diagram



FNC-0600TXM Diagram

Ordering Information

- FNC-0600TXM: 5-port L2 SNMP Switch Card